

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|--|------------------|---------|---------------------|
| L1 | 0 | ((prefetch\$3 pre-fetch\$3 preread\$3 pre-read\$3 preload\$3 pre-load\$3 lookahead look-ahead (predict\$5 NEAR2 (read\$3 load\$3 fetch\$3))) AND (observ\$5 record\$3 track\$3 monitor\$3) NEAR5 (request\$3 access\$3 writ\$3 read\$3 address\$3) WITH (cacheline "cache line" "cache block") AND (stream\$3 sequential\$2 consecutive\$2) NEAR5 (access accesses address addresses location locations pattern patterns characteristic characteristics) AND (bit ADJ (vector array table))).CLM. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:48 |
| L3 | 355198 | (observ\$5 record\$3 (keep\$3 NEAR2 track) statistic\$2) NEAR5 (request access write read address offset) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L4 | 2 | "6,434,663".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |

| | | | | | | |
|-----|--------|---|--|----|-----|---------------------|
| L5 | 58 | ("4536837" "5218689" "5257367" "5257370" "5276840" "5333305" "5345575" "5398253" "5457791" "5548788" "5581736" "5584018" "5708632" "5729710" "5765201" "5787296" "5802593" "5845297" "5854911" "5890205" "5903917" "5920896" "5966726" "6016553" "6023713" "6105117" "6175898" "6199178" "6240527" "6317875"). pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L6 | 212097 | (observ\$5 record\$3 (keep\$3 NEAR2 track) statistic\$2 log trace) NEAR5 (request access address offset) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L7 | 274370 | (cacheline wordline "cache line" "word line" "cache block" "word block" (memory NEAR2 (line block))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L8 | 329 | (711/221).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L9 | 1435 | (711/137).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L10 | 4 | L8 AND L9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L11 | 193951 | (observ\$5 record\$3 (keep\$3 NEAR2 track) statistic\$2 log trace) NEAR5 (request access address) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L12 | 201792 | (cacheline wordline "cache line" "word line" "cache block" "word block" (memory NEAR2 line)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |

| | | | | | | |
|-----|------|--|--|----|-----|---------------------|
| L13 | 1435 | (711/137).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L14 | 231 | L11 AND L12 AND L13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L15 | 1 | "6449697".pn. | USPAT | OR | ON | 2010/06/29 17:50 |
| L16 | 1 | "5854934".PN. | USPAT; USOCR | OR | ON | 2010/06/29 17:50 |
| L17 | 1 | "5941981".PN. | USPAT; USOCR | OR | ON | 2010/06/29 17:50 |
| L18 | 5 | ("5854934" "5941981" "5964867" "6081868" "6119203").pn. | USPAT | OR | ON | 2010/06/29 17:50 |
| L19 | 7 | ("6157976" "6253288" "6438673" "6449698" "6480939" "6523093" "6567901").pn. | USPAT | OR | ON | 2010/06/29 17:50 |
| L20 | 87 | L14 AND (page paging) | USPAT | OR | ON | 2010/06/29 17:50 |
| L21 | 1 | "5623608".PN. | USPAT; USOCR | OR | ON | 2010/06/29 17:50 |
| L22 | 1 | "6813693".pn. | US-PGPUB; USPAT | OR | ON | 2010/06/29 17:50 |
| L23 | 1 | "20020073405" | US-PGPUB | OR | ON | 2010/06/29 17:50 |
| L24 | 7 | ("5623608" "5761718" "6098064" "6098154" "6170044" "6282542" "6360361").pn. | USPAT | OR | ON | 2010/06/29 17:50 |
| L25 | 199 | ("5666505" "5941980" "6446167" "6453389" "6460115" "6957304" "6983356" "5192914" "5717886" "5991848" "5761137" "5905853" "4332010" "5761710" "6178120" "6347063" "5062036" "6233645" "5750913" "4801930" "5333263" "5349666" "5367543" "5610809" "5615104" "5895879" "5897653" "6470496" "5285527" "5305389" | USPAT | OR | ON | 2010/06/29 17:50 |

"5701448" "5996071"
"6480939" "6584549"
"6675263" "6675280"
"6701414" "6728840"
"6751709" "6954840"
"4471433" "5214610"
"5287438" "5682522"
"5829010" "6000013"
"6032270" "6065097"
"6118430" "6157384").
pn. ("6515916"
"4992958" "5394535"
"5526474" "5732284"
"4623978" "5337156"
"5473748" "5579460"
"5802257" "5838610"
"5867637" "5917506"
"6128096" "6181432"
"5018061" "5719804"
"5831889" "5828361"
"5829032" "5862385"
"5982397" "4628451"
"5517317" "5757948"
"5825994" "6331897"
"4499539" "4500954"
"4574346" "4779189"
"4875155" "5287484"
"5729713" "4466059"
"5537569" "5787468"
"5822762" "5829024"
"6097660" "4429363"
"4583165" "4905141"
"5257367" "5297267"
"5305208" "5446685"
"5513344" "5526508"
"5551010").pn.
("5677890" "5801775"
"5815701" "5822616"
"5878424" "5974260"
"5978910" "5982675"
"5987587" "6023442"
"6044427" "6106566"
"6131145" "6381679"
"6385697" "6457174"
"6535960" "6574711"
"6598126" "6598127"
"6646951" "6823406"
"4368513" "5297029"
"5903674" "6137521"
"4546450" "4905091"
"4926200" "5471562"
"5644549" "5708760"
"5710638" "5777617"
"5787497" "5798843"
"5815160" "5870648"
"5918088" "6078548"

| | | | | | | |
|-----|---|---|--|----|----|---------------------|
| | | "6246488" "5717895" "4463424" "4899275" "4953073" "5388242" "6061759" "6061759" "6105113" "5267210"). pn. ("5414842" "5452447" "5469555" "5668968" "6049851" "4603380" "4621320" "5255384" "5377345" "5444853" "5463759" "5493660" "5566318" "5649230" "5675763" "5684993" "5787494" "5956753" "4811206" "4989163" "5237671" "5269013" "5317727" "5325507" "5396614" "5442571" "5475829" "5526512" "5561778" "5579499" "5586297" "5588130" "5590379" "5594881" "5596741" "5630097" "5652873" "5664159" "5664160" "5687343" "5708790" "5721858" "5768212" "5822772" "5835963" "5860117" "5884093" "5907853" "5926839" "5946703").pn. | | | | |
| L26 | 2 | L25 AND L20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L27 | 4 | (US-20020073405-\$). did. or (US-5694568-\$ or US-6449697-\$ or US-5941981-\$ or US- 6081868-\$ or US- 6820173-\$ or US- 6813693-\$ or US- 6742085-\$ or US- 6678795-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/06/29 17:50 |
| L28 | 0 | L27 and "L2" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |

| | | | | | | |
|-----|--------|---|---|----|-----|---------------------|
| L29 | 0 | L27 and ("2" ADJ cache) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L30 | 402 | L13 AND "L2" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L31 | 340 | L13 AND "L2 cache" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L32 | 181943 | (stream\$3 sequential \$2 consecutive\$2) NEAR5 (access accesses address addresses location locations pattern patterns characteristic characteristics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L33 | 1760 | (711/137,221).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L34 | 784 | L32 AND L33 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L35 | 1435 | (711/137).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L36 | 329 | (711/221).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |

| | | | | | | |
|-----|-------|--|---|----|-----|---------------------|
| L37 | 698 | L32 AND L35 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L38 | 89 | L32 AND L36 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L39 | 323 | L34 AND (page) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L40 | 77099 | (stream\$3) NEAR5 (access accesses accessing address addresses addressing location locations pattern patterns characteristic characteristics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L41 | 291 | L40 AND L33 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L42 | 123 | L41 AND (page) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L43 | 8 | L42 AND (bit ADJ (vector array table)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |
| L44 | 14 | L41 AND (bit ADJ (vector array table)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/06/29 17:50 |

| | | | | | | |
|-----|----|--|---|----|----|---------------------|
| L45 | 87 | 711/137.CCLS. AND ((idle idling idles idled) NEAR2 (time cycle cycles)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/06/29 17:50 |
| L46 | 2 | ("6625696" "6081868").pn. | USPAT | OR | ON | 2010/06/29 17:50 |

EAST Search History (I nterference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------|------------------|---------|------------------|
| L2 | 0 | ((prefetch\$3 pre-fetch\$3 preread\$3 pre-read\$3 preload \$3 pre-load\$3 lookahead look- ahead (predict\$5 NEAR2 (read \$3 load\$3 fetch\$3))) AND (observ\$5 record\$3 track\$3 monitor\$3) NEAR5 (request\$3 access\$3 writ\$3 read\$3 address\$3) WITH (cacheline "cache line" "cache block") AND (stream\$3 sequential\$2 consecutive\$2) NEAR5 (access accesses address addresses location locations pattern patterns characteristic characteristics) AND (bit ADJ (vector array table))).CLM. | UPAD | OR | ON | 2010/06/29 17:49 |

6/ 29/ 2010 5:52:14 PM

C:\ Documents and Settings\ sgu\ My Documents\ EAST\ Workspaces\ 10810196 (# 54).wsp